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commands 123 or trigger signals 124, or will contain at least one more sophisticated command string 125. Either numeric-only or alphanumeric paging systems may be employed, with the latter being particularly useful for an application utilizing the command string approach. The message may contain any number of components, likely including identifying and/or handshaking information as well as other security-required parameters in addition to the optional PIN already described. The duration that the message continues, or that particular components of the message continue, may also have an information-containing function. In particular, it is anticipated that a minimum duration for the received message would be specified in order to ensure that the system is not accidentally activated by random noise or by interrupted messages that may not contain all the necessary information for completion of the task being initiated. It is also anticipated that for some commands a minimum duration that an action is to be performed at the target device 150 would be included as part of the command, also to ensure that the operation is not unintentionally triggered due to noise or environmental conditions.

REPLACE the paragraph beginning on page 7, line 10 with the following:

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In the embodiment of Fig. 1, the paging message 121 is received by the paging receiver 110 into a signal buffer 120, which provides the received message 121 to a message compare function 130. While the signal buffer 120 is optional, in general it is a preferred part of the implementation as it ensures that the entire paging message 121 has been received before entry into the message compare function 130. The message compare function can be implemented in hardware or software. It is anticipated that the message compare function 130 would typically be

to be added
implemented either in hardware/firmware or in software if the received paging message 121 contains a simple trigger signal 124, but would most likely be implemented in software if the received paging message is in the form of a command string 125 or has multiple components.

REPLACE the paragraph beginning on page 7, line 20 with the following:

to be added
In the embodiment of Fig. 1, the message compare function 130 matches each component of the received paging message 121 to a set of one or more known commands 131 or other expected components 132 of the message and sends at least one signal or command determined by the result of the matching process to the command signal generator 140. The command signal generator 140 is prompted by each signal or command received from the message compare function 130 to send out a signal or command that causes the desired action to take place at the target device 150. This could be a trigger signal for triggering an electronic or mechanical action, or could be a computer command that causes an operation to be performed in a software-controlled component of the target device 150. Each command sent from the command signal generator 140 would cause a separate action or sequence of actions to be performed at or on the target device 150. The command signal generator 140 is implemented in hardware or software depending on the type of message/signal received from the message compare function 130 and the type of output signal required to initiate the desired activity at the target device 150. Sensors (one sensor 150a shown) or external controls (one control 150b shown) may be associated with the target device 150 which may be accessed for performing a myriad of functions such as fire control, energy management, security control and the like. For some of these functions, it may

be readily apparent that a two way application of the present invention may be advantageous over a one way paging for status monitoring and reporting.

REPLACE the paragraph beginning on page 9, line 16 with the following:

An alternate embodiment of the invention which allows responses to be generated by the system and/or to be forwarded from the target device is shown as a block diagram in Fig. 2. In the embodiment of Fig. 2, the paging message 221 is received by a two-way paging transceiver 210 into an optional signal buffer 220. Examples of suitable transceiver devices include, but are not limited to, those manufactured by Motorola such as the TANGO (TM) two-way pager which employs a ReFLEX (TM) messaging protocol. As in the embodiment of Fig. 1, the received message 221 is provided to the message compare function 230, which compares the message to a set of one or more known commands 231 and/or other components 232 and sends at least one signal or command determined by the result of the matching process to the optional command signal generator 240. The command signal generator 240, if present, is prompted by each signal or command received from the message compare function 230 to send out a signal or command that causes the desired action to take place at the target device 250.

IN THE CLAIMS

Please **REWRITE** claims 1-4, 9-10, 12-14, 19-20, 22-23, 25-31, 36-41, and 46-57 as follows. For the Examiner's convenience, Appendix 2 includes a marked-up version of the claims rewritten by this Amendment.

1. (Amended Two Times) A system for operation of a remotely located computer-controlled